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Expression of human protein disulphide isomerase gene - used to prepare polypeptide in high yield

Patent Assignee: TONEN CORP (TOFU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 6038771	A	19940215	JP 91114074	A	19910418	199414 B

Priority Applications (No Type Date): JP 90295017 A 19901031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 6038771	A	30	C12N-015/61	

Abstract (Basic): JP 6038771 A

A linked gene for the expression of human protein disulphide isomerase (hPDI) consists of a DNA coding human serum albumin prepro-sequence and hPDI gene.

A replicable expression vector which can express the above linked gene in a host, a transformant prepd. by transforming a host by the above expression vector, the prepn. of a recombinant hPDI in which the above linked gene is expressed in the above transformant, a recombinant hPDI prepd. by the above method, a transformant contg. the linked gene and an exotic gene coding a polypeptide controlling the production are also claimed.

The prepn. of a polypeptide uses the hPDI gene and the exotic gene coding the polypeptide aiming the production are co-expressed in the above transformant, and the polypeptide is recovered.

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Title Terms: EXPRESS; HUMAN; PROTEIN; DI; SULPHIDE; ISOMERASE; GENE; PREPARATION; POLYPEPTIDE; HIGH; YIELD

Derwent Class: B04; D16; S03

International Patent Class (Main): C12N-015/61

International Patent Class (Additional): C07K-003/20; C12N-001/19; C12N-009/90

File Segment: CPI; EPI